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Fly Ash and Pozzolans

Pre-qualification: Cement and fly ash/pozzolans used in UDOT concrete mix designs must be from pre-qualified suppliers. Suppliers are qualified through the Quality Management Plans 502 and 507. These plans are managed and maintained by UDOT Central Materials Lab. A listing of qualified suppliers can be found at: <https://app.udot.utah.gov/prod/mat/f?p=150:1005:0>.

Acceptance Procedures: Each pre-qualified cement and fly ash/pozzolan supplier submits two split samples per month to the UDOT Central Materials Lab for each qualified cement or fly ash type. The manufacturer tests the other half of the split and presents chemical and physical results to the Central Materials Lab. UDOT Central Lab tests and compares results for verification.

Cement from a qualified manufacturer delivered to the project site or concrete producing plant may be sampled by a representative of UDOT anytime. Project samples are taken according to ASTM C-183. When the test results of any two consecutive samples of a particular type exceed the limit for any applicable specification property, an increased sample interval as determined by UDOT Central Materials Lab may occur.

Failure of the manufacturer to submit split samples or submitting samples that do not meet the chemical and physical properties specified will result in the removal as a supplier for each type that does not meet the requirements.

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